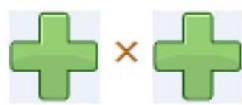


## When We Multiply:



two positives make a positive:



Example

$$3 \times 2 = 6$$



two negatives make a positive:



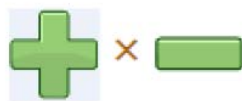
$$(-3) \times (-2) = 6$$



a negative and a positive  
make a negative:



$$(-3) \times 2 = -6$$



a positive and a negative  
make a negative:



$$3 \times (-2) = -6$$

## Two Signs: The Rules

"Two like signs make a positive sign,  
two unlike signs make a negative sign"

"Like Signs"



"Unlike Signs"



## Remember

$(-3)^2$  means everything in the brackets squared ..... i.e.  $-3 \times -3 = 9$

## And

$-3^2$  means the negative of 3 squared ..... i.e.  $-(3 \times 3) = -9$